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<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2012 Air Force	<b>DATE:</b> February 2011
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APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE							
3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>				PE 0605452F: <i>Joint SIAP Program Executive Office</i>							
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
Total Program Element	14.358	-	-	-	-	-	-	-	-	Continuing	Continuing
655370: <i>Joint SIAP Program Executive Office</i>	14.358	-	-	-	-	-	-	-	-	Continuing	Continuing

**A. Mission Description and Budget Item Justification**

The Single Integrated Air Picture (SIAP) was a Joint Requirements Oversight Council (JROC) validated collaborative enterprise Special Interest Program, comprising multiple engineering and acquisition programs in each of the Services, all linked by a joint engineering and development organization. The Joint Program Executive Office (JPEO) Single Integrated Air Picture (SIAP) integrates the Joint product with Service combat systems creating a Joint System of Systems (SoS) capability for the warfighter. The JPEO SIAP provides the joint system engineering oversight to establish horizontal integration of systems to generate accurate, consistent and timely information for the theater-wide Common Tactical Picture (CTP). The JPEO SIAP provides oversight and management of the SIAP program for the SIAP Acquisition Executive (AE). Specific management areas include research, development, and testing of the Joint Track Manager, conduct of Joint SoS engineering, and oversight of Joint integration and development. The core set of SIAP SoS requirements are outlined in the SIAP Capability Development Document (CDD) generated by US Joint Forces Command and validated by the JROC in Sep 2007. The SIAP CDD requirement will be achieved through the development and implementation of the SIAP SoS. Based on guidance from the Secretary of Defense, the JPEO SIAP has been directed to continue to oversee the ongoing development of the Joint Track Manager (JTM) for the Services. The Army Integrated Air and Missile Defense (AIAMD) program and the Navy Aegis Modernization (AMOD) program are two lead programs working the incremental architecture approach for the JTM. The JTM will leverage existing technologies combined with current systems and contracts to provide an enhanced capability for the warfighter in the area of Joint Integrated Air and Missile Defense. Working collaboratively with the Services, the JPEO will oversee the ongoing development of a JTM capability to support the warfighter and to support the Quadrennial Defense Review (QDR). Activities also include studies and analysis to support both current program planning and execution and future program planning. This program is in Budget Activity 5, System Development and Demonstration (SDD) because it is beyond Milestone B approval and is conducting engineering and manufacturing development tasks aimed at meeting validated requirements prior to full-rate production.

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<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0605452F: <i>Joint SIAP Program Executive Office</i>
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<b>B. Program Change Summary (\$ in Millions)</b>	<b><u>FY 2010</u></b>	<b><u>FY 2011</u></b>	<b><u>FY 2012 Base</u></b>	<b><u>FY 2012 OCO</u></b>	<b><u>FY 2012 Total</u></b>
Previous President's Budget	14.877	-	-	-	-
Current President's Budget	14.358	-	-	-	-
Total Adjustments	-0.519	-	-	-	-
• Congressional General Reductions		-			
• Congressional Directed Reductions		-			
• Congressional Rescissions	-	-			
• Congressional Adds		-			
• Congressional Directed Transfers		-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.457	-			
• Other Adjustments	-0.062	-	-	-	-

**Change Summary Explanation**

In FY 2010, Project 5275, SIAP Tier 1 Funding, efforts transferred to PE 0605452F, Joint SIAP Program Executive Office, Project 5370, Joint SIAP Program Executive Office, per Cost Assessment & Program Evaluation (Office of Secretary of Defense) direction.

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force									DATE: February 2011		
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0605452F: Joint SIAP Program Executive Office				PROJECT 655370: Joint SIAP Program Executive Office			
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
655370: Joint SIAP Program Executive Office	14.358	-	-	-	-	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

**A. Mission Description and Budget Item Justification**

The Single Integrated Air Picture (SIAP) was a Joint Requirements Oversight Council (JROC) validated collaborative enterprise Special Interest Program, comprising multiple engineering and acquisition programs in each of the Services, all linked by a joint engineering and development organization. The Joint Program Executive Office (JPEO) Single Integrated Air Picture (SIAP) integrates the Joint product with Service combat systems creating a Joint System of Systems (SoS) capability for the warfighter. The JPEO SIAP provides the joint system engineering oversight to establish horizontal integration of systems to generate accurate, consistent and timely information for the theater-wide Common Tactical Picture (CTP). The JPEO SIAP provides oversight and management of the SIAP program for the SIAP Acquisition Executive (AE). Specific management areas include research, development, and testing of the Joint Track Manager, conduct of Joint SoS engineering, and oversight of Joint integration and development. The core set of SIAP SoS requirements are outlined in the SIAP Capability Development Document (CDD) generated by US Joint Forces Command and validated by the JROC in Sep 2007. The SIAP CDD requirement will be achieved through the development and implementation of the SIAP SoS. Based on guidance from the Secretary of Defense, the JPEO SIAP has been directed to continue to oversee the ongoing development of the Joint Track Manager (JTM) for the Services. The Army Integrated Air and Missile Defense (AIAMD) program and the Navy Aegis Modernization (AMOD) program are two lead programs working the incremental architecture approach for the JTM. The JTM will leverage existing technologies combined with current systems and contracts to provide an enhanced capability for the warfighter in the area of Joint Integrated Air and Missile Defense. Working collaboratively with the Services, the JPEO will oversee the ongoing development of a JTM capability to support the warfighter and to support the Quadrennial Defense Review (QDR). Activities also include studies and analysis to support both current program planning and execution and future program planning. This program is in Budget Activity 5, System Development and Demonstration (SDD) because it is beyond Milestone B approval and is conducting engineering and manufacturing development tasks aimed at meeting validated requirements prior to full-rate production.

**B. Accomplishments/Planned Programs (\$ in Millions)**

	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012 Base</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>
<b>Title:</b> JTM Engineering and Development	14.358	-	-	-	-
<b>Description:</b> Joint Track Manager Engineering and Development					
<b>FY 2010 Accomplishments:</b> Joint Track Manager Engineering and Development					
<b>FY 2011 Plans:</b>					
<b>FY 2012 Base Plans:</b>					

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2012 Air Force			<b>DATE:</b> February 2011		
<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>		<b>R-1 ITEM NOMENCLATURE</b> PE 0605452F: <i>Joint SIAP Program Executive Office</i>		<b>PROJECT</b> 655370: <i>Joint SIAP Program Executive Office</i>	

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012 Base</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>
<i>FY 2012 OCO Plans:</i>						
<b>Accomplishments/Planned Programs Subtotals</b>		14.358	-	-	-	-

**C. Other Program Funding Summary (\$ in Millions)**

<u>Line Item</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012 Base</u>	<u>FY 2012 OCO</u>	<u>FY 2012 Total</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• N/A:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

**D. Acquisition Strategy**

The JTM will continue ongoing development to implement capability into Service combat systems. All contracts will use full and open competition.

**E. Performance Metrics**

Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2012 Air Force										DATE: February 2011				
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 5: Development & Demonstration (SDD)					R-1 ITEM NOMENCLATURE PE 0605452F: Joint SIAP Program Executive Office				PROJECT 655370: Joint SIAP Program Executive Office					
Product Development (\$ in Millions)					FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Joint Track Manager Engineering	Various	Various:Various,	9.453	-		-		-		-	0.000	9.453	9.453	
Subtotal			9.453	-		-		-		-	0.000	9.453	9.453	
Support (\$ in Millions)					FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Not specified.	TBD	Not specified.:Location not provided.	-	-		-		-		-	0.000	0.000	0.000	
Subtotal			-	-		-		-		-	0.000	0.000	0.000	
Test and Evaluation (\$ in Millions)					FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Joint Track Manager Testing	Various	Various:Various,	3.754	-		-		-		-	0.000	3.754	4.273	
Subtotal			3.754	-		-		-		-	0.000	3.754	4.273	
Management Services (\$ in Millions)					FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
JPEO Management	Various	Various:Various	1.151	-		-		-		-	0.000	1.151	1.151	
Subtotal			1.151	-		-		-		-	0.000	1.151	1.151	
			Total Prior Years Cost	FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total	Cost To Complete	Total Cost	Target Value of Contract	
Project Cost Totals			14.358	-		-		-		-	0.000	14.358	14.877	

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	<b>Total Prior Years Cost</b>	<b>FY 2011</b>	<b>FY 2012 Base</b>	<b>FY 2012 OCO</b>	<b>FY 2012 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>	
<b>Remarks</b>									

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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2012 Air Force		<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0605452F: <i>Joint SIAP Program Executive Office</i>	<b>PROJECT</b> 655370: <i>Joint SIAP Program Executive Office</i>

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2012 Air Force		<b>DATE:</b> February 2011
<b>APPROPRIATION/BUDGET ACTIVITY</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force</i> BA 5: <i>Development &amp; Demonstration (SDD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0605452F: <i>Joint SIAP Program Executive Office</i>	<b>PROJECT</b> 655370: <i>Joint SIAP Program Executive Office</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Joint Track Manager Engineering and Development	1	2010	4	2011
Joint Track Manager Integration/Test/Demonstration	1	2010	4	2011
JPEO Management	1	2010	4	2011

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